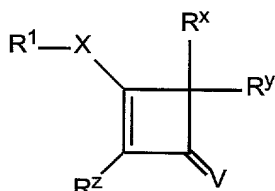


CLAIMS

1. A compound of formula (1):



(1)

wherein

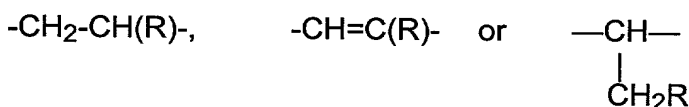
R¹ is a group Ar¹L²Ar²Alk- in which:

Ar¹ is an optionally substituted aromatic or heteroaromatic group;

10 L² is a covalent bond or a linker atom or group;

Ar² is an optionally substituted arylene or heteroarylene group;

and Alk is a chain



in which R is a carboxylic acid (-CO₂H) or a derivative or biostere thereof;

X is an -O- or -S- atom or -N(R²)- group in which:

R² is a hydrogen atom or a C₁₋₆alkyl group;

V is an oxygen (O) or sulphur (S) atom;

- 20 R^x, R^y and R^z which may be the same or different is each an atom or group -L¹(Alk¹)_n(R³)_v in which L¹ is a covalent bond or a linker atom or group, Alk¹ is an optionally substituted aliphatic or heteroaliphatic chain, R³ is a hydrogen or halogen atom or group selected from -OR^{3a} [where R^{3a} is a hydrogen atom or an optionally substituted straight or branched
- 25 C₁₋₆alkyl group or C₃₋₈cycloalkyl group], -SR^{3a}, -CN or an optionally substituted cycloaliphatic, heterocycloaliphatic, polycycloaliphatic, heteropolycycloaliphatic, aromatic or heteroaromatic group, n is zero or the integer 1 and v is the integer 1, 2 or 3 provided that when n is zero and L¹ is a covalent bond v is the integer 1;

or R^z is an atom or group as previously defined and R^x and R^y are joined together to form an optionally substituted spiro linked cycloaliphatic or heterocycloaliphatic group;

and the salts, solvates, hydrates and N-oxides thereof.

5

2. A compound according to claim 1 in which Alk is a $-\text{CH}_2\text{CH}(\text{R})-$ or $-\text{CH}(\text{CH}_2\text{R})-$ chain.

10

3. A compound according to claim 1 in which R is a carboxylic acid ($-\text{CO}_2\text{H}$) group.

4. A compound according to claim 1 in which R is an esterified carboxyl group of formula $-\text{CO}_2\text{Alk}^7$.

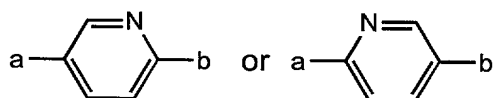
15

5. A compound according to claim 1 in which X is an $-\text{N}(\text{R}^2)-$ group.

6. A compound according to claim 5 in which R^2 is a hydrogen atom.

20

7. A compound according to claim 1 in which Ar^2 is an optionally substituted phenylene group or an optionally substituted pyridinediyl group of formula:



25 where a and b signify the points of attachment of L^2 and Alk respectively.

8. A compound according to claim 1 in which Ar^1 is an optionally substituted phenyl or five-, six- or ten-membered heteroaromatic group.

30

9. A compound according to claim 8 in which Ar^1 is an optionally substituted pyridyl, pyrimidinyl, naphthyridinyl, quinolinyl or isoquinolinyl group.

10. A compound according to claim 1 in which R^z is a halogen atom.
11. A compound according to claim 1 in which R^z is an optionally substituted C_{1-8} alkyl group.
- 5 12. A compound according to claim 1 in which R^z is a group – $L^1(Alk^1)_nR^3$ in which L^1 is an –O-, –S- or –Se- atom or –S(O)- or –N(R^8)- group.
- 10 13. A compound according to claim 12 in which n is zero.
14. A compound according to claim 12 in which n is the integer 1 and Alk^1 is an optionally substituted C_{1-6} alkylene chain.
- 15 15. A compound according to claim 12 in which R^3 is a hydrogen atom or an optionally substituted C_{3-10} cycloaliphatic, C_{3-10} heterocycloaliphatic, C_{6-12} aromatic or C_{1-9} heteroaromatic group.
- 20 16. A compound according to claim 1 in which R^z is a group – $L^1(Alk^1)_nR^3$ in which L^1 is a covalent bond.
17. A compound according to claim 16 in which n is zero.
18. A compound according to claim 16 in which n is the integer 1 and Alk^1 is an optionally substituted C_{1-6} alkylene chain.
- 25 19. A compound according to claim 16 in which R^3 is a hydrogen atom or an optionally substituted C_{3-10} cycloaliphatic, C_{3-10} heterocycloaliphatic, C_{6-12} aromatic or C_{1-9} heteroaromatic group.
- 30 20. A compound according to claim 1 in which R^x and R^y is each an optionally substituted C_{1-8} alkyl group.
- 35 21. A compound according to claim 1 in which R^x and R^y are joined to form an optionally substituted spiro linked C_{3-10} cycloaliphatic or C_{3-10} heterocycloaliphatic group.

22. A compound which is:

- (2S)-2-[(3-Oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 5 (2S)-2-[(3-Oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3-methyl[2,7]naphthyridin-1-yl)oxy]phenyl}propanoic acid
- (2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 10 (2S)-2-[(2-Bromo-4,4-dimethyl-3-oxo-1-cyclobutenyl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(2,7)naphthyridin-1-yloxy]phenyl}propanoic acid
- (2S)-2-[(2-Bromo-3-oxo-7-oxaspiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 15 (2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-(2,6-dimethoxy[1,1'-biphenyl]-4-yl)propanoic acid
- (2S)-2-[(3-Oxospiro[3.6]dec-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Bromo-3-oxospiro[3.6]dec-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 20 (2S)-2-[[4,4-Dimethyl-2-(phenylselenenyl)-3-oxo-1-cyclobutenyl]amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Bromo-7-methoxy-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 25 (2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3-methyl[2,7]naphthyridin-1-yl)oxy]phenyl}propanoic acid
- (2S)-2-[[2-(Phenylsulfanyl)-4,4-dimethyl-3-oxo-1-cyclobutenyl]amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 30 (2S)-2-[(2-Chloro-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-3-{4-[(3,5-Dichloroisonicotinoyl)amino]phenyl}-2-(3-oxo-2-pyridin-3-yl-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- (2S)-2-[(2-Iodo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 35

- (2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{5-[(3,5-dichloroisonicotinoyl)amino]pyridin-2-yl}propanoic acid
- (2S)-2-[(2-Chloro-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{5-[(3,5-dichloroisonicotinoyl)amino]pyridin-2-yl}propanoic acid
- 5 (2S)-2-[(2-Chloro-3-oxo-7-oxa-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Chloro-3-oxo-spiro[3.6]dec-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[4,4-Dimethyl-2-(1-methyl-1H-tetrazol-5-ylsulfanyl)-3-oxo-cyclobut-1-enylamino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 10 (2S)-2-[(2-Bromo-3,7,7-trioxo-7 λ^6 -thia-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Chloro-3-oxo-spiro[3.4]oct-1-en-1-yl)amino]-3-{4-[(3,5-dichloro-isonicotinoyl)amino]phenyl}propanoic acid
- 15 (2S)-2-[(2-Bromo-3-oxo-spiro[3.4]oct-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Methylsulfanyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 20 (2S)-2-(2-Fluoro-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Fluoro-3-oxo-7-oxa-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 25 (2S)-2-[(4,4-Dimethyl-2-methylsulfanyl-3-oxo-cyclobut-1-enyl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Isopropylsulfanyl-4,4-dimethyl-3-oxo-cyclobut-1-enyl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 30 (2S)-2-[(2-Isopropylsulfanyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Isopropylsulfanyl-4,4-dimethyl-3-oxo-cyclobut-1-enyl)amino]-3-{4-[(2,7)naphthyridin-1-ylamino]phenyl}propanoic acid
- 35 acid

- (2S)-2-[(2-Isopropylsulfanyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-[4-([2,7]naphthyridin-1-ylamino)phenyl]propanoic acid
- (2S)-2-[(2-Isopropylsulfanyl-3-oxo-7-oxa-spiro[3.5]non-1-en-1-yl)amino]-3-[4-([2,7]naphthyridin-1-ylamino)phenyl]propanoic acid
- 5 (2S)-2-[(2-Bromo-3-oxo-spiro[3.4]octa-1,6-dien-1-yl)amino]-3-[4-[(3,5-dichloroisonicotinoyl)amino]phenyl]propanoic acid
- (2S)-2-[(4,4-Dimethyl-3-oxo-2-pentafluorophenylsulfanyl-cyclobut-1-enyl)amino]-3-[4-[(3,5-dichloroisonicotinoyl)amino]phenyl]propanoic acid
- 10 (2S)-2-[(4,4-Dimethyl-3-oxo-2-pyrazin-2-yl-cyclobut-1-enyl)amino]-3-[4-[(3,5-dichloroisonicotinoyl)amino]phenyl]propanoic acid
- (2S)-2-[(7-Acetyl-2-bromo-3-oxo-7-aza-spiro[3.5]non-1-en-1-yl)amino]-3-[4-[(3,5-dichloroisonicotinoyl)amino]phenyl]propanoic acid
- 15 (2S)-2-{[2-(Isopropylsulfanyl)-3-oxo-7-oxaspiro[3.5]non-1-en-yl]amino}-3-(2,6-dimethoxy[1,1'-biphenyl]-4-yl)propanoic acid
- (2S)-2-[(2-Cyclohexyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-[4-[(3,5-dichloroisonicotinoyl)amino]phenyl]propanoic acid
- (2S)-3-[4-[(3,5-Dichloroisonicotinoyl)amino]phenyl]-2-(2-methyl-3-oxo-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- 20 (2S)-3-[4-[(3,5-Dichloroisonicotinoyl)amino]phenyl]-2-(3-oxo-2-propyl-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- (2S)-3-[4-[(3,5-Dichloroisonicotinoyl)amino]phenyl]-2-(2-methyl-3-oxo-7-oxa-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- 25 (2S)-3-[4-[(3,5-Dichloroisonicotinoyl)amino]phenyl]-2-(3-oxo-2-propyl-7-oxa-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- (2S)-3-[4-[(3,5-Dichloroisonicotinoyl)amino]phenyl]-2-(2-[1,3]dithian-2-yl-3-oxo-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- (2S)-3-[4-[(3,5-Dichloroisonicotinoyl)amino]phenyl]-2-(2-ethyl-3-oxo-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- 30 (2S)-3-[4-[(3,5-Dichloro-1-oxy-pyridine-4-carbonyl)amino]phenyl]-2-(3-oxo-spiro[3.5]non-1-en-1-ylamino)propanoic acid
- (2S)-2-(2-Bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-[4-[(3,5-dichloro-1-oxy-pyridine-4-carbonyl)amino]phenyl]propanoic acid
- 35 (2S)-2-(2-Chloro-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-[4-[(3,5-dichloro-1-oxy-pyridine-4-carbonyl)amino]phenyl]propanoic acid

(2S)-3-{4-[(3,5-Dichloro-1-oxy-pyridine-4-carbonyl)-amino]-phenyl}-2-(2-methanesulfinyl-4,4-dimethyl-3-oxo-cyclobut-1-enylamino)propanoic acid

5

(2S)-2-(2-Bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-[4-(3-methyl-[2,7]naphthyridin-1-ylamino)phenyl]propanoic acid

(2S)-2-(2-Bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-[4-([2,7]naphthyridin-1-ylamino)phenyl]propanoic acid

10

(2S)-2-(2-Bromo-4,4-dimethyl-3-oxo-cyclobut-1-enylamino)-3-[4-(3-methyl-[2,7]naphthyridin-1-yloxy)phenyl]propanoic acid

(2S)-2-[(2-Bromo-3-oxo-spiro[3.4]oct-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

and the salts, solvates, hydrates, N-oxides and carboxylic acid esters thereof.

15

23. A compound which is:

(2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

20

(2S)-2-[(2-Bromo-3-oxo-7-oxaspiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

(2S)-2-[(2-Bromo-3-oxospiro[3.6]dec-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

(2S)-2-{(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino}-3-{4-[(3-methyl[2,7]naphthyridin-1-yl)oxy]phenyl}propanoic acid

25

(2S)-2-{[2-(Phenylsulfanyl)-4,4-dimethyl-3-oxo-1-cyclobutenyl]-amino}-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

(2S)-2-[(2-Chloro-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

30

(2S)-3-{4-[(3,5-Dichloroisonicotinoyl)amino]phenyl}-2-(3-oxo-2-pyridin-3-yl-spiro[3.5]non-1-en-1-ylamino)propanoic acid

(2S)-2-[(2-Iodo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

(2S)-2-[(2-Bromo-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{5-[(3,5-dichloroisonicotinoyl)amino]pyridin-2-yl}propanoic acid

35

(2S)-2-[(2-Chloro-3-oxospiro[3.5]non-1-en-1-yl)amino]-3-{5-[(3,5-dichloroisonicotinoyl)amino]pyridin-2-yl}propanoic acid

- (2S)-2-[(2-Chloro-3-oxo-7-oxa-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Chloro-3-oxo-spiro[3.6]dec-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 5 (2S)-2-[(2-Bromo-3,7,7-trioxo-7 λ^6 -thia-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Chloro-3-oxo-spiro[3.4]oct-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 10 (2S)-2-[(2-Bromo-3-oxo-spiro[3.4]oct-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Methylsulfanyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-(2-Fluoro-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 15 (2S)-2-[(2-Fluoro-3-oxo-7-oxa-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(4,4-Dimethyl-2-methylsulfanyl-3-oxo-cyclobut-1-enyl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 20 (2S)-2-[(2-Isopropylsulfanyl-4,4-dimethyl-3-oxo-cyclobut-1-enyl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- (2S)-2-[(2-Isopropylsulfanyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid
- 25 (2S)-2-[(2-Isopropylsulfanyl-4,4-dimethyl-3-oxo-cyclobut-1-enyl)amino]-3-{4-[(2,7)naphthyridin-1-ylamino]phenyl}propanoic acid
- (2S)-2-[(2-Isopropylsulfanyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(2,7)naphthyridin-1-ylamino]phenyl}propanoic acid
- 30 (2S)-2-[(2-Isopropylsulfanyl-3-oxo-7-oxa-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(2,7)naphthyridin-1-ylamino]phenyl}propanoic acid
- (2S)-2-[(2-Bromo-3-oxo-spiro[3.4]octa-1,6-dien-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

(2S)-2-[(7-Acetyl-2-bromo-3-oxo-7-aza-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

5 (2S)-2-[(2-Cyclohexyl-3-oxo-spiro[3.5]non-1-en-1-yl)amino]-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoic acid

(2S)-3-{4-[(3,5-Dichloroisonicotinoyl)amino]phenyl}-2-(2-methyl-3-oxo-spiro[3.5]non-1-en-1-ylamino)propanoic acid

10 (2S)-3-{4-[(3,5-Dichloroisonicotinoyl)amino]phenyl}-2-(3-oxo-2-propyl-spiro[3.5]non-1-en-1-ylamino)propanoic acid

(2S)-3-{4-[(3,5-Dichloroisonicotinoyl)amino]phenyl}-2-(2-[1,3]dithian-2-yl-3-oxo-spiro[3.5]non-1-en-1-ylamino)propanoic acid

(2S)-2-(2-Bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloro-1-oxy-pyridine-4-carbonyl)amino]phenyl}propanoic acid

15 2-(2-Chloro-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloro-1-oxy-pyridine-4-carbonyl)amino]phenyl}propanoic acid

and the salts, solvates, hydrates, N-oxides and carboxylic acid esters thereof.

24. A compound which is:

20 Ethyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

Isopropyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

25 t-Butyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

1-Methyl-piperidin-4-yl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

Phenyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

30 Cyclopentyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

2-Imidazol-1-yl-ethyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

35 Neopentyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate

- 5 Tetrahydro-furan-3-yl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate
Pyridin-4-ylmethyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate
10 Tetrahydropyran-4-yl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate
5-Methyl-2-oxo-[1,3]dioxol-4-ylmethyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]-phenyl}propanoate
15 1-Methyl-pyrrolidin-3-yl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate
2,3-Dihydroxypropyl (2S)-2-(2-bromo-3-oxo-spiro[3.5]non-1-en-1-ylamino)-3-{4-[(3,5-dichloroisonicotinoyl)amino]phenyl}propanoate
20 25. A pharmaceutical composition comprising a compound according to claim 1 together with one or more pharmaceutically acceptable carriers, excipients or diluents.
25 26. A method for the prophylaxis or treatment of a disease or disorder in a mammal in which the extravasation of leukocytes plays a role, comprising administering to a mammal suffering from such a disease or disorder a therapeutically effective amount of a compound according to claim 1.
30 27. A method according to claim 26 wherein said disease or disorder is selected from the group consisting of inflammatory arthritis, multiple sclerosis, allograft rejection, diabetes, inflammatory dermatoses, asthma and inflammatory bowel disease.

28. A method according to claim 27 wherein said inflammatory arthritis is selected from the group consisting of rheumatoid arthritis vasculitis and polydermatomyositis.
- 5 29. A method according to claim 27 wherein said inflammatory dermatoses are selected from the group consisting of psoriasis and dermatitis.
- 10 30. A method for inhibiting, in a mammal, the binding of $\alpha 4$ integrins to the ligands thereof, comprising administering to the mammal an effective amount of a compound according to claim 1.
- 15 31. A method according to claim 30 wherein said $\alpha 4$ integrins are selected from the group consisting of $\alpha 4\beta 1$ and $\alpha 4\beta 7$ integrins.

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